

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Patrick J. Evans      Attorney Docket No.: AGIT117605  
Title: DISSOLVED HYDROGEN ANALYZER

JC971 U.S. PTO  
09/885233  
06/20/01  


INFORMATION DISCLOSURE STATEMENT

Seattle, Washington 98101

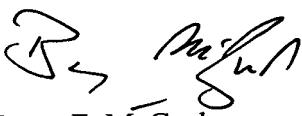
TO THE COMMISSIONER FOR PATENTS:

Applicant is aware of the information listed in the attached form that may be material to the prosecution of the above-identified patent application.

1.  This application relies, under 35 U.S.C. § 120, on the earlier filing date of prior Application No. 09/273,958, filed March 22, 1999. The references listed on the attached form were submitted to and/or cited by the Patent and Trademark Office in this prior application and, therefore, are not required to be provided in this application.
2.  This Information Disclosure Statement is being filed concurrently with the above-identified application.
3.  The Commissioner is hereby authorized to charge any fees under 37 C.F.R. §§ 1.16, 1.17 and 1.18 which may be required during the entire pendency of the application, or credit any overpayment, to Deposit Account No. 03-1740. This authorization also hereby includes a request for any extensions of time of the appropriate length required upon the filing of any reply during the entire prosecution of this application. A copy of this document is enclosed.

Respectfully submitted,

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INFORMATION CITED BY APPLICANT THAT MAY BE MATERIAL TO THE  
PROSECUTION OF THE SUBJECT APPLICATION

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 Filed: Concurrently herewith Examiner: --  
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U.S. PATENT DOCUMENTS

*Examiner Initial	ID	Document No.	Date	Name
	U1	6,138,497	10/00/2000	Nix et al.
	U2	6,123,904	09/00/2000	Wright et al.
	U3	5,798,271	08/00/1998	Godec et al.
	U4	5,522,915	06/00/1996	Ono et al.
	U5	5,476,637	12/00/1995	Fuhrmann
	U6	5,364,594	11/00/1994	Johnson et al.
	U7	5,279,795	01/18/1994	Hughes et al.
	U8	5,152,963	10/00/1992	Wreyford
	U9	4,916,079	04/10/1990	Baillie et al.
	U10	4,344,918	08/00/1982	Takahashi
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	U13	3,922,904	12/00/1975	Williams et al.
	U14	3,920,396	11/18/1975	Schuy
	U15	3,661,010	05/09/1972	Neuwelt

FOREIGN PATENT DOCUMENTS

*Examiner Initial	ID	Document No.	Date	Country	Translation Provided
					Yes      No

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OTHER INFORMATION  
(Including Author, Title, Date, Pertinent Pages, Etc.)

*Examiner Initial	ID
	O1 Butler, M.A. et al., "Fiber Optic Hydrogen Sensor," <i>Sandia Report</i> , pp. 1-56 (1996).
	O2 Carus Chemical Company, Product Data Sheet for Carulite 300 Catalyst, 13 pp.
	O3 Chapelle, F.H. et al., "Geochemistry of dissolved inorganic carbon in a Coastal Plain aquifer. 1. Sulfate from confining beds as an oxidant in microbial CO <sub>2</sub> production," <i>J. Hydrol.</i> , <b>127</b> :85-108 (1991).
	O4 Dornseiffer, P. et al., "Modeling of Anaerobic Formate Kinetics in Mixed Biofilm Culture Using Dynamic Membrane Mass Spectrometric Measurement," <i>Biotechnology and Bioengineering</i> , <b>45</b> :219-228 (1995).
	O5 Gibeault, J.-P. et al., "New Instruments to Measure and Monitor Dissolved Hydrogen in Water," <i>Transactions of the American Nuclear Society</i> , <b>46</b> :612-613 (1984).
	O6 Hanus, F.J. et al., "Techniques for Measurement of Hydrogen Evolution by Nodules," <i>Methods in Enzymology</i> , <b>69</b> :731-739 (1980).
	O7 Istok, J.D. et al., "Single-Well, "Push-Pull" Test for In Situ Determination of Microbial Activities," <i>Groundwater</i> , <b>25</b> (4):619-631 (1997).
	O8 Liu, C. et al., "An Advanced Pd/Pt Relative Resistance Sensor for the Continuous Monitoring of Dissolved Hydrogen in Aqueous Systems at High Subcritical and Supercritical Temperatures," <i>J. Supercritical Fluids</i> , <b>8</b> :263-270 (1995).
	O9 Lundström, I., "Hydrogen Sensitive MOS-Structures Part 1: Principles and Applications," <i>Sensors and Actuators</i> , <b>1</b> :403-426 (1981).
	O10 Lundström, K.I. et al., "A hydrogen-sensitive Pd-gate MOS transistor," <i>J. Applied Physics</i> , <b>46</b> (9):3876-3881 (1975).

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\_\_\_\_\_ O11 Pauss, A. et al., "Continuous Measurement of Dissolved H<sub>2</sub> in an Anaerobic Reactor Using a New Hydrogen/Air Fuel Cell Detector," *Biotechnology and Bioengineering*, **35**:492-501 (1990).

\_\_\_\_\_ O12 Robinson, J.A. et al., "Method for Measuring Dissolved Hydrogen in Anaerobic Ecosystems: Application to the Rumen," *Applied and Environmental Microbiology*, **41**(2):545-548 (1981).

\_\_\_\_\_ O13 Stiblert, L. et al., "Hydrogen leak detector using a Pd-gate MOS transistor," *Rev. Sci. Instrum.*, **46**(9):1206-1208 (1975).

\_\_\_\_\_ O14 Strong, G.E. et al., "An In Situ Dissolved-Hydrogen Probe for Monitoring Anaerobic Digesters Under Overload Conditions," *Biotechnology and Bioengineering*, **45**:63-68 (1995).

\_\_\_\_\_ O15 Westinghouse Electric Corporation, "Hydrogen-Evolution Monitoring as a Measure of Steam-Generator Corrosion," Research Project, Final Report (1992).

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Examiner

Date Considered

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\*Examiner: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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